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(54) Title: SIM2 POLYPEPTIDES AND POLYNUCLEOTIDES AND USES OF EACH IN DIAGNOSIS AND TREATMENT OF  
OVARIAN, BREAST AND LUNG CANCERS

(57) Abstract: ABSTRACTA method of diagnosing predisposition to, or presence of ovarian cancer, breast cancer and/or lung  
cancer in a subject is provided. The method comprises determining a level of SIM2 in a lung tissue, breast tissue and/or ovarian  
tissue of the subject, the level being correlatable with predisposition to, or presence or absence of the ovarian cancer, breast cancer  
and/or lung cancer, thereby diagnosing predisposition to, or presence of ovarian cancer, breast cancer and/or lung cancer in the  
subject.

WO 2004/012847 A2

**ABSTRACT**

A method of diagnosing predisposition to, or presence of ovarian cancer, breast cancer and/or lung cancer in a subject is provided. The method comprises determining a level of SIM2 in a lung tissue, breast tissue and/or ovarian tissue of the subject, the level being correlatable with predisposition to, or presence or absence of the ovarian cancer, breast cancer and/or lung cancer, thereby diagnosing predisposition to, or presence of ovarian cancer, breast cancer and/or lung cancer in the subject.